Conflict of Interest: National Guideline Clearinghouse™ (NGC) Data

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Overview of NGC

- Database and Web site of evidence-based clinical practice guidelines meeting 4 criteria for inclusion
- Resource went live in Jan 1999
- Currently over 2,000 guidelines at site
- Avg 1M visits per month
Database record

AKA AKA
structured abstract, complete summary

Captures ~50 attributes
**NGC Summary Process**

- **Multi-staged production and review process**
- **Trained staff** (e.g., MS, PhDs, MDs, Informatics Specialists, with others with clinical backgrounds, etc.)
- **Multiple rounds of reviews for clinical accuracy and consistency**
- **Guideline developer review**

**SUBMISSION:** Guideline Submitted (reviewed for inclusion by project staff) (Copyright permissions)

**GUIDELINE ABSTRACTION:** NGC Summary Prepared (by trained staff)

**1st REVIEW:** NGC Summary Reviewed (by trained staff)

**2nd REVIEW/PHYSICIAN REVIEW:** NGC Summary Reviewed (by trained senior staff and/or physician reviewer)

**EDITORIAL REVIEW:** Reviewed for formatting, consistency, and style (by trained editorial staff)

**GUIDELINE DEVELOPER REVIEW:** NGC Summary sent to developer for review

**PUBLISHED** to NGC Web site
Later today

Select attributes used in data analysis to obtain trends in reporting by guideline developers participating in NGC (1996-2006)
Quantifying change over time

We examined ALL guidelines ever represented in NGC

- Currently published
- Now superseded
- Now withdrawn

Time Frame = 1996-2006
Total summaries = 2637

How many guidelines declared ANYTHING about conflicts of interest per YEAR?
COI Reporting by Guideline Developer Type (Data Snapshot on 04/21/08)

COI By Guideline Developer Type - More than 200 Guidelines

- Professional Association: 132 Stated, 236 Not stated
- Medical Specialty Society: 336 Stated, 504 Not stated
- National/State/Local Government Agency [Non-U.S.]: 260 Stated, 41 Not stated
- Federal/State/Local Government Agency [U.S.]: 48 Stated, 159 Not stated
COI Reporting by Guideline Developer Type (Data Snapshot on 04/21/08)

COI by Guideline Developer Type - Less Than 200 Guidelines

- Academic Institution: Stated 26, Not stated 60
- Hospital/Medical Center: Stated 16, Not stated 9
- Disease Specific Society: Stated 39, Not stated 41
- Independent Expert Panel: Stated 58, Not stated 27
- Managed Care Organization: Stated 9, Not stated 2
- Nonprofit Organization: Stated 90, Not stated 51
- For Profit Organization: Stated 16, Not stated 3
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**Team Member; Company; Relationship**

David DeGuzman, MD (None)

Catherine Bettcher, MD (None)

R. Van Harrison, PhD (None)

Christine Holland, MD (None)

Cary Johnson, PharmD (None)

Sharon Kileny, MD (None)

Jeffery Terrell, MD, Neilmed, Research support (saline solution)
More COI examples

**HIV testing, CDC, 2006**

The Centers for Disease Control and Prevention (CDC), their planners, and content experts wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Presentations will not include any discussion of the unlabeled use of a product or a product under investigational use.

**American Acad Pediatrics, bronchiolitis, 2007**

All panel members reviewed the American Academy of Pediatrics (AAP) Policy on Conflict of Interest and Voluntary Disclosure and were given an opportunity to declare any potential conflicts.

**American Acad Ophthalmology, diabetic retinopathy, 2003**

No proprietary interests were disclosed by members of the Preferred Practice Patterns Retina Panel for the past 3 years up to and including June 2003 for product, investment, or consulting services regarding the equipment, process, or products presented or competing equipment, process, or products presented.

*Note: variation in COI reporting exists within a single guideline developer organization*
98.3% of guidelines included in NGC identify funding source (04/21/08 data)